



## Background

In **finance** there are many ways for an investor to pick a stock, some are based on recent positive news, others on company's fundamentals, or historical data (Technical analysis), gut instinct or a flick of a coin.

**Technical analysis** is security analysis discipline for forecasting the direction of prices through the study of past market data, primarily price and volume.

and

**Portfolio** is none other than Basket of Stocks. It refers to any collection of financial assets such as stocks, bonds and cash.

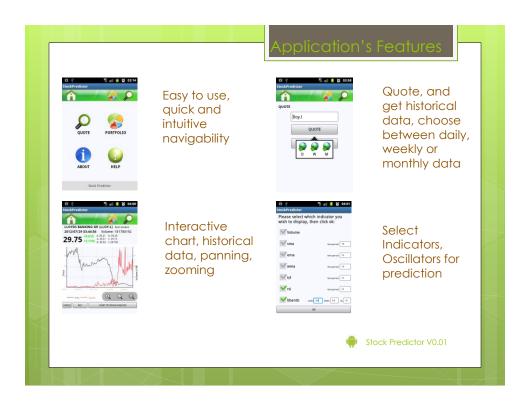
Stock Predictor V0.01

## **Technologies**

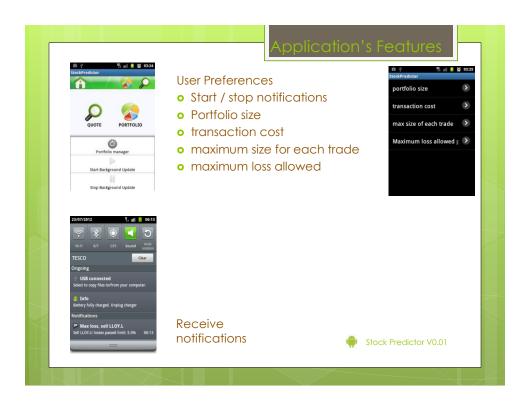
- Android design
  Patterns: Dashboard,
  Action bar, quick
  action button
- Background Service,
  Update portfolio list
  and generate
  notifications
- SQLite Database

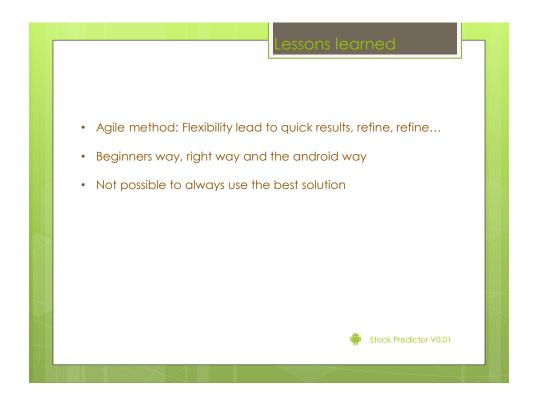
- URL, get quotes and historical data
- Android Notification
- User Preferences framework
- Libraries: achartengine,TA-lib

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## Conclusion

This application has been tested extensively and show no bugs to date!

It is in the process of being launched onto Google play (Android Market)

- Future Work:
  - More options in the settings: select the update intervals...
  - Offer different types of charts, e.g. Line, bar or candlestick chart...
  - Multiple resolution, languages and support of vertical and horizontal layouts.
  - Implement a neural network to help with prediction and pattern recognition.
  - Encourage users to share the application on social platforms

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## Thank you!